

**Abstract**

Arrangement for the detection of fluorescent light with at least one imaging microscope unit and at least one device component for analyzing molecular interactions in small volumes, characterized in that measurement locations for the analysis of molecular interaction are determined and selected in at least two dimensions by means of the imaging method; the imaging microscope unit and the device components are operated with a shared control unit; and at least the analysis results of the device component are graphically depicted via the control unit and a computer.